

OREGON CROP WEATHER



**NATIONAL
AGRICULTURAL
STATISTICS
SERVICE**

USDA, NASS, Oregon Field Office

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Weather: The past week started off cool and a little wet, but was dry and much warmer by the weekend. High temperatures ranged from 56 degrees at the Crescent City station, up to 85 degrees in Rome. Low temperatures ranged from 19 degrees in Christmas Valley, up to 45 degrees in Portland. Precipitation was scarce throughout the State with many stations receiving no precipitation at all. The largest accumulation was reported at Astoria/Clatsop with only 0.26 inches. Twenty four out of the forty three stations reported no precipitation.

Field Crops: Warm temperatures prevailed throughout most of last week, allowing fieldwork to progress rapidly. Grass seed fields in Marion County looked great and fescue fields are beginning to head out. Grass hay in Jackson County is growing well, but is a bit yellow due to lack of sun. Some wire worm damage was noted in some grain fields. Kentucky bluegrass fields in Jefferson County are showing high levels of powdery mildew this spring. Strong winds last week delayed weed spraying on winter wheat and summer follow fields in Wasco County and wild rye showed up in some grain crops.

Vegetables: Field preparation for vegetable crops was ongoing, as well as some planting of the earlier crops. Some of the vegetables that were already in were reported to be off to a good start. Snap beans were being planted this past week in Lane and Marion counties. Greenhouse vegetables were reported as doing well. Some replanting of sugarbeets and onions was needed in Malheur County.

Fruits and Nuts: Nuts trees were leafing out. Almost all fruit trees have finished with bloom. Conditions have been favorable for fruit tree pollination, with apple pollination finishing nicely this week in Douglas County. Bud break on grapes was a little spotty in some areas, but some warm weather should help. Blueberries and strawberries were blooming. Calm conditions allowed for application of pear petal fall sprays in the lower Hood River Valley. At the week's end, crop development in the lower Hood River Valley was as follows: Red Delicious apples at full bloom to post bloom (WSU stages 8 & 9); Pinot noir grapes at Eichhorn-Lorenz stage 7.

Nurseries and Greenhouses: Nursery shipping season to the Eastern United States continued at a hectic pace with most nurseries loading up 18 wheel semi trucks for shipment. Greenhouses were preparing for Mother's Day sales and continued to move bedding plants to retail outlets. Community plant sales continued.

Livestock, Range and Pasture: Most pastures were growing well as the daytime temperatures increased this past week. Plenty of baby sheep, calves, colts, lambs, and alpacas were being born and some cattle were being prepared to go to higher ranges. Sheep shearing was in progress in Wasco County. It was reported that livestock numbers were showing a strong decline in Sherman County, as many long time ranchers have sold off their herds.

Soil Moisture-Week Ending 04/29/07

	Very short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	3	9	74	14
Subsoil	4	13	74	9

Crop Progress-Week Ending 04/29/07

Crop	This week	Last week	Last year	5 year average
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Barley planted	92	90	79	80
Barley emerged	78	75	53	58
Spring wheat planted	97	91	76	89
Spring wheat emerged	70	57	46	66
Days suitable for fieldwork	6.1	4.5	6.6	-

Crop Condition-Week Ending 04/29/07

Crop	Very poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter wheat	0	0	12	81	7
Barley	0	0	10	88	2
Range and pasture	0	6	28	51	15

WESTERN OREGON

COLUMBIA: Soil temperatures remained very cool this past week. The nursery shipping season is well underway. We could use warmer temperatures to improve pastures.

COOS/CURRY: Temperatures were near, but slightly below average for the week in Coos and Curry counties. Precipitation for the week was only 0.01 inches. Pastures are growing as daytime temperatures slowly increase, but many are still wet with standing water still in some bottom land pastures. Bandon (Coos & Northern Curry): Low temperature for the period was 39.65 degrees, 1.30 degrees below the 5-year average. High temperature for the period was 63.55 degrees, 1.48 degrees below the 5-year average. Precipitation for the period was 0.01 inches, compared to a 5-year (including drought years 2002-2004) average of 0.61 inches. Precipitation for current weather year precipitation stands at 51.79 inches, 1.43 inches above the 5 year average. Historical average precipitation through April is 52.85 inches. Brookings (Southern Curry) Low temperature for the period was 43.17 degrees, 0.51 degrees below the 5-year average. High temperature for the period was 63.72 degrees, 6.59 degrees below the 5-year average. Precipitation for the period was 0.01 inches compared to a 5-year average (including drought years 2002-2004) of 1.14 inches. Current weather year precipitation stands at 72.20 inches, 0.79 inches below the 5 year average. Historical average precipitation through April is 64.54 inches.

DOUGLAS: A cool early part of the week with showers kept people out of the fields for a few days. The end of the week turned warm and sunny. The fields were ready for three or four days of active spraying of fungicides and weed control. Pollination for apple crops is finishing nicely. There is a good set of other tree fruit. Bud break on grapes is a little spotty in some areas, but warm weather should help kick in growth.

JACKSON: More rain to report for this week. We did have 3 days of sun during the weekend so we got some more grain planted and some more field preparation done. Grass for hay is growing quite well, but a bit yellow from not enough sun. Almost all fruit has now finished with bloom. The dry days helped to

allow some spraying of weeds, mildew and codling moth. Lots of field preparation for vegetable crops is ongoing. Some planting too, but mostly just the early crops. Some vegetables that are already in are off to a good start. Greenhouse and nurseries are really busy now, as the weather is permitting some planting to be done. There was a nursery and floriculture show this weekend at Jackson County fair grounds. Lots of livestock are now on good pasture. Lots of baby sheep, calves, colts, lambs, and alpacas are being born. Some cattle are being prepared to go to higher ranges. The first of the week was too wet and cold, but we had a good weekend for outdoor work.

LANE: Spring is really here now. Bush beans were planted this week. Plant growth regulators and fungicides are being applied to grass seed.

MARION: Warm spring conditions prevailed all week. Great week for fieldwork. Soil moisture is just right for fields to work up well and provide a good seedbed. Nursery crops look good with new spring growth. Blueberries are blooming. Grass seed fields look excellent. Week started off somewhat cool and warmed up toward the end of the week. Very little moisture fell this past week. Farmers are planting snap beans and some other crops. Fine fescue fields are beginning to head out. Plant growth regulators are being applied to perennial ryegrass fields. Cereal leaf beetles are out and active.

POLK: Soil moisture level is dropping off rapidly due to the lack of rain. Weather has been somewhat favorable to orchard crops and pollination.

WASHINGTON: Crew cleaning weeds from grass for seed fields. Fruit, berries and nuts are leafing out. Hot house vegetables were doing well and we are ready to plant corn and beans. Baling and burlap of large shrubs, bare root trees, and small trees for shipping is ongoing. Pastures are gaining in quantity and quality. Cows and calves are doing well. High temperature was 69 degrees, while the low temperature was 40 degrees.

EASTERN OREGON

BAKER/UMATILLA: Some wire worm damage noted in grain fields.

GILLIAM: Warmer weather improved grass growing conditions in rangeland areas.

HOOD RIVER: Fair weather for most of the week provided good conditions for fruit tree pollination throughout the Hood River Valley. Calm conditions late in the week provided opportunities for application of pear petal fall sprays in the lower valley. At week's end, crop development in the lower Hood River Valley was as follows: Red Delicious apple at full bloom to post bloom (WSU stages 8 & 9); Pinot noir grapes at Eichhorn-Lorenz stage 7.

JEFFERSON: High levels of powdery mildew are infesting Kentucky bluegrass so far this spring.

KLAMATH: Warmer temperatures during the week. Spring planting, field work, and irrigation continues.

LAKE: Warmer temperatures have improved pasture conditions. Irrigation has started on the alfalfa fields.

MALHEUR: Very scattered shows last week were not much help. However, the range grass is still in fair condition and irrigation reservoirs are adequate to meet the summer needs. Corn planting is in full swing and bean plantings are beginning. All

things considered, it is a fairly normal spring. Replanting of sugarbeets and onions should be done except for possible straggler fields. Planting potatoes.

SHERMAN: Initial field work is nearing its end. A large increase this spring in chemical fallowing. Wheat has jointed. Livestock numbers are showing strong decline. Many long time ranchers have sold off herds.

UNION: Temperatures are warming up but it still remains dry. Irrigation is underway. Grass seed and winter wheat crops are greening up more rapidly. Pasture growth has been slow due to recent cold temperatures and minimal rainfall.

WALLOWA: Some moisture received this week, but more is still needed.

WASCO: Another windy week. The wind delayed weed spraying on both winter wheat crops and no-till summer fallow acreage. Winter wheat generally looks very good. Wild rye is showing up in grain crops. Alfalfa crops are putting on good growth, but no buds yet. Fruit blooms have all dropped by the end of the week in The Dalles area, while Dufur trees are still in full bloom. Pasture grasses are doing well and are starting to head. A few late heifers are still calving. Sheep shearing is in progress. Rhubarb is starting to be harvested and strawberries are in full bloom. Some wire worm damage was noted in grain fields.

Weather data for selected stations in Oregon, Week ending: April 29, 2007 (as of 11:00 am) ¹

Station	Air temperature ²				Growing degree days ³		Last week precip. ⁴			Season cum. precipitation ⁵			
	Low	High	Avg.	DFN ⁶	Total	DFN ⁶	Total inches	DFN ⁶	Days ⁷	Total inches	DFN ⁶	Pct. normal	Days ⁷
COASTAL AREAS													
Astoria/Clatsop	38	59	51	+2	13	+3	0.26	-0.63	5	65.91	7.53	113	146
Bandon ⁸	40	64	52	+3	15	+1	0.01	-0.80	1	52.56	-0.59	99	136
Crescent City	40	56	50	-2	6	-21	0.01	-0.81	1	55.32	-4.16	93	103
Florence	35	65	50	+0	7	-7	0.06	-0.96	1	79.40	11.44	117	125
North Bend	39	61	51	+1	11	-3	0.07	-0.80	2	57.26	-0.02	100	117
Tillamook	37	64	53	+5	24	+17	0.05	-1.11	2	50.35	-27.11	65	137
WILLAMETTE VALLEY													
Aurora ⁸	41	72	56	+5	44	+23	-	-0.56	-	38.90	3.42	110	125
Corvallis	36	71	53	+3	25	+4	-	-0.49	-	43.53	5.47	114	122
Detroit Lake ⁸	39	74	55	+10	34	+27	-	-0.86	-	81.33	21.61	136	140
Eugene	35	71	53	+2	26	+1	-	-0.58	-	36.49	-7.62	83	109
Hillsboro	39	68	54	+4	31	+10	-	-0.42	-	32.22	-0.68	98	119
McMinnville	39	70	55	+4	37	+14	0.04	-0.45	2	33.65	-5.34	86	122
Portland	45	69	57	+5	48	+20	0.03	-0.46	2	31.06	0.09	100	128
Salem	38	72	54	+4	30	+9	-	-0.49	-	37.51	2.96	109	110
SW VALLEYS													
Grants Pass	39	82	58	+4	57	+15	-	-0.34	-	27.91	-0.67	98	87
Medford	38	81	59	+7	63	+28	-	-0.21	-	16.52	0.05	100	84
Roseburg	39	77	58	+6	58	+24	-	-0.42	-	28.97	-0.32	99	98
NORTH CENTRAL													
Condon	35	74	53	+7	26	+19	0.14	-0.14	1	11.75	1.13	111	85
Echo ⁸	40	78	60	+6	67	+29	0.03	-0.11	3	7.43	0.21	103	85
Heppner	36	75	54	+4	33	+12	0.06	-0.25	1	10.96	0.48	105	92
Hermiston	35	79	59	+6	66	+28	-	-0.14	-	6.81	-0.41	94	76
Madras ⁸	29	74	52	+4	23	+2	-	-0.14	-	5.35	-2.52	68	71
Moro	34	70	52	+4	24	+10	0.01	-0.13	1	10.17	1.21	114	73
Parkdale ⁸	33	69	51	-1	10	-15	-	-0.30	-	33.30	5.00	118	93
Pendleton	37	73	56	+4	45	+14	-	-0.21	-	8.50	-0.98	90	79
Prairie City ⁸	29	74	52	+4	23	+2	-	-0.14	-	5.35	-2.52	68	71
The Dalles	43	77	59	+10	64	+44	-	-0.14	-	12.11	1.69	116	70
SOUTH CENTRAL													
Agency Lake ⁸	33	75	53	+10	28	+21	-	-0.19	-	13.93	0.67	105	88
Bend	29	74	50	+6	20	+9	-	-0.14	-	8.68	-0.30	97	62
Burns	26	77	51	+6	15	+7	0.05	-0.09	1	7.39	0.33	105	72
Christmas Valley ⁸	19	78	49	+2	11	-5	-	-0.17	-	4.18	-5.09	45	61
Klamath Falls	24	77	50	+4	19	+5	-	-0.14	-	8.72	-2.25	79	66
Klamath Falls ⁸	25	77	51	+5	19	+5	0.01	-0.13	1	9.82	-0.87	92	84
Lakeview	28	73	50	+5	14	+5	0.03	-0.25	1	3.13	-8.97	26	43
Lorella ⁸	25	78	50	+4	16	+2	-	-0.14	-	8.57	-2.40	78	78
Redmond	24	77	52	+6	23	+9	-	-0.14	-	4.03	-2.08	66	47
Worden ⁸	27	77	51	+5	19	+5	0.01	-0.13	1	7.23	-3.74	66	87
NORTHEAST													
Baker City	28	76	51	+4	16	+2	-	-0.21	-	3.71	-2.97	56	67
Joseph	28	69	47	+5	12	+12	0.16	-0.26	3	10.81	-8.27	57	90
La Grande	34	79	55	+7	38	+20	-	-0.35	-	5.78	-7.08	45	60
Union	32	78	54	+6	32	+18	0.02	-0.29	1	7.38	-1.60	82	74
SOUTHEAST													
Ontario	37	84	60	+6	70	+29	-	-0.14	-	4.65	-2.92	61	58
Rome	33	85	56	+8	48	+27	0.01	-0.20	1	2.48	-2.96	46	54

¹ Summary based on NWS data. Copyright 2007: AWIS, Inc. All Rights Reserved.

² Air temperature in degrees Fahrenheit.

³ Growing degree days base-50 degrees Fahrenheit.

⁴ Precipitation (rain or melted snow/ice) in inches.

⁵ Season cumulative precipitation starts September 1, 2006.

⁶ DFN=Departure from normal (using 1961-1990 normals period).

⁷ Precipitation days = Days with precipitation of 0.01 inch or more.

⁸ Agri-Met weather stations.